



wherein said particulate matter within the container is to be vibration-treated by a vibrating action caused by said amplifying means.

23. (new) The particulate matter vibration treatment apparatus of claim 22, wherein the vibrating means cooperates in such a manner as to apply vertical vibrations to the bottom part of the container.

24. (new) The particulate matter vibration treatment apparatus of claim 9, wherein the vibration action comprises a cooperative vibration action of vibration due to the amplifying means and vibration of the container.

25. (new) The particulate matter vibration treatment apparatus of claim 22, said amplifying means comprising:

a plate being provided inside said container spaced away from the bottom of the container; and

floating bodies being provided between said plate and the container so as to collide with said plate.

26. (new) The particulate matter vibration treatment apparatus of claim 25, wherein the vibrating means cooperates in such a manner as to apply vertical vibrations to the bottom part of the container.

27. (new) The particulate matter vibration treatment apparatus of claim 25, wherein the vibration action comprises a cooperative vibration action of vibration due to the amplifying means and vibration of the container.

28. (new) The particulate matter vibration treatment apparatus of claim 25, wherein the plate is comprised of a rubber sheet, a metal material or a resin material.

29. (new) The particulate matter vibration treatment apparatus of claim 25, wherein the floating bodies are constituted by a plurality of spherical bodies made of metal, resin or rubber.

30. (new) The particulate matter vibration treatment apparatus of claim 22, wherein the particulate matter treatment means is used within a vacuum.